

Daily moisturising lotion with SPF

A light day cream with an estimated SPF 15. Suitable for daily use it is light and easily absorbed. The inclusion of **EcoSoft™ 608** helps your skin feel soft and smooth throughout the day. Whilst **Hydrofiltrat Statice G** provides a protective and restorative action against UVA and UVB radiation.

Trade Name	INCI Name	Function	%W/W	Supplier
1 Water	Aqua	Solvent	60.95	
2 Versene® NA2 Crystals	Disodium EDTA	Chelating Agent	0.05	Dow Chemical
3 Floviva Organic Glycerin	Glycerin	Humectant	3	ProTec Botanica
4 1,3 Butylene Glycol Cosmetic	1,3 Butylene Glycol	Humectant	2	D.K.S.H
5 Euxyl® PE 9010	Phenoxyethanol, Ethylhexylglycerin	Preservative	1.1	Schülke UK
6 ESSACHEM AR-5	Octyldodecyl Oleate (and) Argania Spinosa Kernel Oil	Emollient	3	ESSACHEM Via ProTec Ingredia
7 Emulpharma® 1000	Cetearyl Glucoside, Sorbitan Oliviate	Emulsifier	5	Res Pharma
8 KEMOL FA 16	Cetyl Alcohol	Co-emulsifier	0.5	Kemcare
9 ESSACHEM™ BW	Behenyl Oliviate	Emollient ester	2	ESSACHEM™ Via ProTec Ingredia
10 CETIOL® MM	Myristyl Myristate	Consistency Factor	1	BASF
11 Crodamol AB	C12-15 Alkyl Benzoate	Emollient	3	Croda
12 Uvinul® A Plus B	Ethylhexyl Methoxycinnamate (and) Diethylamino Hydroxybenzoyl Hexyl Benzoate	Sun Screen	2	BASF
13 Uvinul® MC 80	Ethylhexyl Methoxycinnamate	Sun Screen	8	BASF
14 T-Lite SF-S	Titanium Dioxide; Hydrated Silica; Dimethicone; Methicone Copolymer; Aluminum Hydroxide	Sun Screen	3	BASF
15 XIAMETER® PMX-0345	Cyclopentasiloxane (and) Cyclohexasiloxane	Emollient	2	Dow Corning
16 EcoSoft™ 608	Polylactic Acid	Texture enhancer	3	Micro Powders INC via ProTec Ingredia
17 SEPIPLUS™ 400	Polyacrylate-13 & Polyisobutene & Polysorbate 20	Rheology Modifier	0.4	Seppic
18 Hydrofiltrat Statice G	Glycerin (and) Aqua (and) Limonium narbonense	Active Ingredient	2	Codif via ProTec Ingredia

ProTec Ingredia Ltd.

Unit 10 Delta Court, Manor Way, Borehamwood, Herts., WD6 1FJ, UK

Website: www.protectingredia.com

Registered in London No. 07517784 VAT No. GB 100 2120 14

The information provided, to the best of our knowledge is believed to be correct however we do not guarantee its accuracy. Potential purchasers shall not only rely on information stated herein when purchasing any products and should make their own investigations to determine if such products are suitable for a particular use. It is your responsibility to thoroughly test any formulations and all warranties, indemnities or liabilities implied or expressed by law are hereby excluded by ProTec Ingredia Ltd to the fullest extent permitted by law.

Method of Manufacture

Into the main vessel add:

Aqua	Start the mixer on a fast speed.
Disodium EDTA	Mix until dissolved.
Glycerin	Mix until dispersed.
1,3 Butylene Glycol	Mix until dispersed.
Euxyl® PE 9010	Reduce the mixer speed to moderate.
	Commence heating the main vessel to 75-80C.

Into a suitable premix vessel add:

ESSACHEM AR-5

Emulpharma® 1000

KEMOL FA 16

ESSACHEM™ BW

CETIOL® MM

Uvinul® A Plus B

Uvinul® MC 80

T-Lite SF-S

Crodamol AB Commence heating the premix vessel to 70-75C.

When both vessels are at 75C add the premix vessel into the main vessel.

Homogenise for 5 minutes.

Into the main vessel add:

Cyclopentasiloxane (and) Cyclohexasiloxane

Homogenise for a further minute.

Switch off the homogeniser and commence cooling the main vessel to 23C.

When the bulk is 50C into the main vessel add:

EcoSoft™ 608 Mix until dispersed.

SEPIPLUS™ 400 Mix until dispersed.

Homogenise until the product is completely smooth and lump free.

When the bulk is 40C into the main vessel add:

Hydrofiltrat Statice G

Cool to 23C and check the product specifications.

Product Specifications

pH	5.50-6.30
Viscosity	20-30,000cps RVT, TBARC, Speed 10, 1 minute
Colour	White
Appearance	Mobile, viscous cream

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